

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  INFORMATION DISCLOSURE STATEMENT BY APPLICANT  (use several sheets if necessary)  (PTO-1449)	ATTY. DOCKET NO. 19603/10303 (CRF D-1043A)		SERIAL NO. Continuation of 08/495,484
	APPLICANT Gonsalves et al.		
	FILING DATE Herewith	GROUP ART UNIT To Be Assigned	

1525 U.S. PTO  
 09/426783

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPRO- PRIATE
Am	1	5,583,021	12/10/1996	Dougherty et al.	800	280	-
Am	2	5,939,600	08/17/1999	Goldbach et al.	800	280	-

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANS- LATION IF APPRO- PRIATE
Am	3	AU-A-32166/93	12/08/1993	Australia			
Am	4	426,195	05/08/1991	Europe			

## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

Am	5	Wang, M., et al., "ELISA Detection of Various Tomato Spotted Wilt Virus Isolates Using Specific Antisera to Structural Proteins of the Virus," <u>Plant Disease</u> 74(2):154-58 (1990)
	6	Vaira, A.M., et al., "Resistance to Tospoviruses in <i>Nicotiana benthamiana</i> Transformed with the N Gene of Tomato Spotted Wilt Virus Correlation Between Transgene Expression and Protection in Primary Transformants," <u>MPMI</u> 8(1):66-73 (1995)
	7	Prins, M. et al., "Broad Resistance to Tospovirus in Transgenic Tobacco Plants Expressing Three Tospoviral Nucleoprotein Gene Sequences," <u>MPMI</u> 8(1):85-91 (1995)
	8	Pang, S., et al., "The Biological Properties of a Distinct Tospovirus and Sequence Analysis of Its S RNA," <u>Phytopathology</u> 83(7):728-733 (1993)
	9	de Haan, P., et al., "Characterization of RNA-Mediated Resistance to Tomato Spotted Wilt Virus in Transgenic Tobacco Plants," <u>Biotechnology</u> 10:1133-37 (1992)
	10	Pang, S., et al., "Use of the Signal Peptide of PISUM Vicilin to Translocate Beta-glucuronidase in <i>Nicotiana tabacum</i> " <u>Gene</u> 112:229-234 (1992)
	11	Law, M.D., et al., "A Tomato Spotted Wilt-like Virus With a Serologically Distinct N Protein," <u>J. gen. Virol.</u> 71:933-938 (1990)
Am	12	De Haan, P., et al., "Tomato Spotted Wilt Virus L RNA Encodes a Putative RNA Polymerase," <u>J. gen. Virol.</u> 71:2207-2216 (1991)

EXAMINER

DATE CONSIDERED

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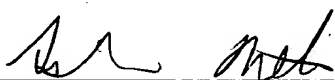
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## OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, Etc.)

AM		13	Maiss, E., et al., <u>J. gen. Virol.</u> , "Cloning and sequencing of the S RNA from a Bulgarian isolate of Tomato Spotted Wilt Virus," <u>Journal of General Virology</u> 72:461-464 (1991)
		14	MacKenzie, D.J., et al., "Resistance to Tomato Spotted Wilt Virus Infection in Transgenic Tobacco Expressing the Viral Nucleocapsid Gene," <u>Molecular Plant-Microbe Interactions</u> 5:34-40 (1992)
	x	15	Morelle, G., "A Plasmid Extraction Procedure on a Miniprep Scale," <u>Focus</u> 11:7 (1989)
		16	Mohamed, N.A., et al., "Protein Composition of Tomato Spotted Wilt Virus," <u>Virology</u> 56:12-21 (1973)
		17	Urban, L.A., et al., "Cytoplasmic Inclusions in Cells Infected with Isolates of L and I Serogroups of Tomato Spotted Wilt Virus," <u>The American Phytopathological Society</u> 81(5):525-529 (1991)
		18	Cho, J.J., et al., "A Multidisciplinary Approach to Management of Tomato Spotted Wilt Virus in Hawaii," <u>Plant Disease</u> 73(5):375-383 (1989)
V		19	Iwaki, M., et al., "Silver Mottle Disease of Watermelon Caused by Tomato Spotted Wilt Virus," <u>Plant Disease</u> 68:1006-1008 (1984)
AM	x	20	Gonsalves, D., et al., "Tomato Spotted Wilt Virus in Papaya and Detection of the Virus by ELISA," <u>Plant Disease</u> 70:501-506 (1986)

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Am		21	Siemieniak, D.R., et al., "Strategy and Methods for Directly Sequencing Cosmid Clones," <u>Analytical Biochemistry</u> 192:441-448 (1991)				
		22	Horsch, R.B., et al., "A Simple and General Method for Transferring Genes Into Plants," <u>Science</u> 27:1229-1231 (1985)				
		23	Van Den Hurk, J., et al., "The Ribonucleic Acid of Tomato Spotted Wilt Virus," <u>J. gen. Virol.</u> 36:81-91 (1977)				
		24	Tas, P.W.L., et al., "The Structural Proteins of Tomato Spotted Wilt Virus," <u>J. gen. Virol.</u> 36:267-279 (1977)				
		25	Mohamed, N.A., "Isolation and Characterization of Subviral Structures From Tomato Spotted Wilt Virus," <u>J. gen. Virol.</u> 53:197-206 (1981)				
		26	Pang, S.Z., et al., "Resistance to Heterologous Isolates of Tomato Spotted Wilt Virus in Transgenic Tobacco Expressing Its Nucleocapsid Protein Gene," <u>Molecular Plant Pathology</u> 82(10):1223-1229 (1992)				
		27	MacKenzie, D.J., "Resistance to Tomato Spotted Wilt Virus Infection in Transgenic Tobacco Expressing the Viral Nucleocapsid Gene," <u>Molecular Plant-Microbe Interactions</u> , 5(1):34-40 (1992)				
		28	Kim, J.W., et al., "Disease Resistance in Tobacco and Tomato Plants Transformed with the Tomato Spotted Wilt Virus Nucleocapsid," <u>Plant Disease</u> 78(6):615-621 (1994)				

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Am		29	Kurppa, A., et al., "Use of Double Stranded RNA for Detection and Identification of Virus Diseases of Rubus Species," <u>Acta Horticulturae</u> 186:51-62 (1986)
		30	Pang, S.Z., et al., "Resistance of Transgenic <i>Nicotiana benthamiana</i> Plants to Tomato Spotted Wilt and Impatiens Necrotic Spot Tospoviruses: Evidence of Involvement of the N Protein and N Gene RNA in Resistance," <u>Phytopathology</u> 84(3):243-249 (1994)
↓		31	T.L. German, et al., " <i>Tospoviruses</i> : Diagnosis, Molecular Biology, Phylogeny, and Vector Relationships," <u>Annu. Rev. Phytopathol</u> 30:315-348 (1992)
		32	Gubler, U., et al., "A Simple and Very Efficient Method for Generating cDNA Libraries," <u>Gene</u> 25:263-269 (1983)
Am		33	<del>Peters, D., et al., "The Biology of Tospoviruses," Department of Virology, Agricultural University, Wageningen, The Netherlands, pp. 199-210</del>
		34	Holsters, M., et al., "Transfection and Transformation of <i>Agrobacterium tumefaciens</i> ," <u>Molec. gen. Genet.</u> 163:181-187 (1978)
Am		35	Kim, J.W., Sequence Accession No: X61799 (1991)
		36	De Haan, P., et al., "Molecular Cloning and Terminal Sequence Determination of the S and M RNAs of Tomato Spotted Wilt Virus," <u>J. gen. Virol.</u> 70:3469-73 (1989)
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Am		37	Gielen, J.J.L., et al., "Engineered Resistance to Tomato Spotted Wilt Virus, A Negative-Strand RNA Virus,"
			<u>Biotechnology</u> 9:1363-67 (1991)
Am		38	Nejdat, A., et al., "Engineered Resistance Against Plant Virus Diseases," <u>Physiologia Plantarum</u>
			80:662-68 (1990)
Am		39	Kawchuk, L.M., et al., "Sense and Antisense RNA-Mediated Resistance to Potato Leafroll Virus in Russet
			Burbank Potato Plants," <u>Molecular Plant-Microbe Interactions</u> 4(3):247-53 (1991)
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